



Bobcat®

SKID-STEER LOADER

S450

Operating Weight	2240 kg
Engine Power	36.5 kW
Rated Operating Capacity	608 kg



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One Tough Animal

S450 iT4 - SPECIFICATIONS

Performance

Tipping load (ISO 14397-1)	1215 kg
Rated operating capacity (ISO 14397-1)	608 kg
Pump capacity	63.2 L/min
System relief at quick couplers	22.4-23.1 MPa
Max. travel speed (high range-option)	14.8 km/h
Max. travel speed (low range)	11.4 km/h

Engine

Make/Model	Kubota/V2403 (iT4)
Fuel	Diesel
Cooling	Liquid
Power (SAE J1995 Gross)	36.5 kW (48.9 HP)
Torque (SAE J1995 Gross)	158.6 Nm
Number of cylinders	4
Displacement	2433 cm ³
Fuel tank	53.8 L

Weights

Operating weight	2240 kg
Shipping weight without bucket	2010 kg

Controls

Vehicle steering	Hand levers or optional Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Foot pedals or optional Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Proportional switch on hand levers or optional Selectable Joystick Controls (SJC)

Drive System

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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Standard Features

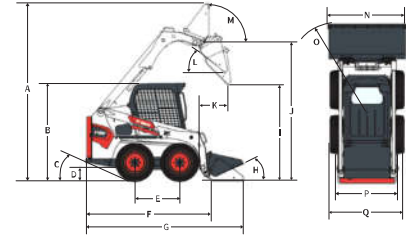
Bobcat Interlock Control System (BICS)	Cushioned lift and tilt cylinders
Parking brake	Lift arm support
Operator cab ¹ dome light and electrical power port	Engine/hydraulics system shutdown
Operating lights, front and rear	Spark arrester
Seat belt	Automatically activated glow plugs
Seat bar	Electrically activated proportional front auxiliary hydraulics
Heavy duty tyres	Auxiliary hydraulics: variable flow/maximum flow
Bob-Tach™ frame	Manual
Back-up alarm	

1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 and ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of SAE-J1043 and ISO 3449, Level I

Options

Deluxe pressurized cab with heating	Power Bob-Tach™
Deluxe pressurized cab with HVAC	Radio
Selectable Joystick Controls with 2 speed (SJC - R/C Ready)	Strobe
Cloth suspension seat	Beacon
Severe duty tyres	Road option
Hydraulic bucket positioning (including ON/OFF switch)	Custom paint color (min order of 5 units)
Noise reduction kit	Keyless start with password capability
Deluxe instrument panel	

Dimensions



(A)	3558.0 mm	(J)	2781.0 mm
(B)	1976.0 mm	(K)	587.0 mm
(C)	23.0°	(L)	40.0°
(D)	214.0 mm	(M)	91.0°
(E)	900.0 mm	(N)	1575.0 mm
(F)	2499.0 mm	(O)	1940.6 mm
(G)	3172.0 mm	(P)	1249.7 mm
(H)	26.0°	(Q)	1448.4 mm
(I)	2157.0 mm		

Attachments

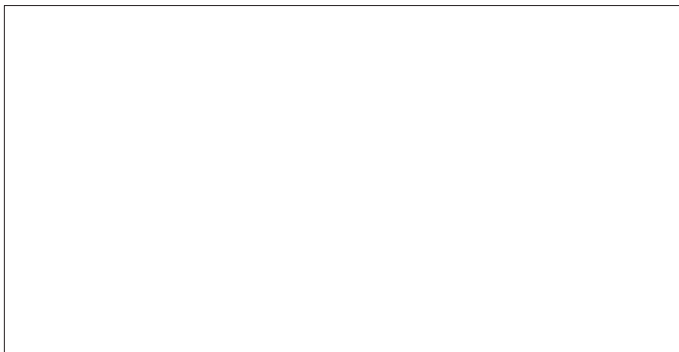
Angle broom	Rock bucket
Auger	Scarifier
Backhoe	Scraper
Blades – dozer, snow, snow v-blade	Seeder
Breaker, hydraulic	Snow pusher
Brush saw	Snowblower
Brushcat™ rotary cutter	Sod layer
Buckets	Soil conditioner
Chipper	Spreader
Combination bucket	Stabilizer, rear
Concrete mixer	Steel tracks
Digger	Sweeper
Grader	Three-point hitch adapter
Grapples – farm / utility, industrial	Tiller
Landplane	Tilt-Tatch™
Landscape rake	Trench compactor
Mower	Trencher
Packer wheel	Utility fork
Pallet fork	Utility frame
Planer	Vibratory roller
	Whisker broom

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.

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